



**CD-03 – COMPLIANCE PLAN REQUIREMENTS PER  
EMISSIONS UNIT**  
State Form 51863 (R/9-04)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

**IDEM - Office of Air Quality - Permits Branch**  
100 N. Senate Avenue  
Indianapolis, IN 46204  
Telephone: (317) 233-0178 or  
Toll Free: 1-800-451-6027 x30178 (within Indiana)  
Facsimile Number: (317) 232-6749  
[Http://www.IN.gov/idem/air/permits/index.html](http://www.IN.gov/idem/air/permits/index.html)

- NOTES:
- The purpose of CD-03 is to identify existing compliance monitoring activities (monitoring, testing, record keeping and/or reporting) required in an applicable requirement or to provide compliance monitoring activities for applicable requirements where there is no or inadequate compliance monitoring requirements.
  - CD-03 focuses on specific applicable requirements that may apply to a single emission unit or group of emission units.
  - This is required form for each initial Title V permit application as well as each modification and every renewal.
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**PART A: Identification of Source and Applicable Requirement**

Part A is intended to identify the source and the emissions unit. Use one form for each emissions unit. For the purposes of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.

1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 – 0 0 4 5 3 .....
3. Emissions Unit Description: No. 11 Pipe Still Heater H-200	4. Unit ID: 120

5. Limitations: List each operational and/or emission limit for this emissions unit.

PM: Unit Specific (Established via Permit Issuance)

SO<sub>2</sub>: 0.33 lb/MMBtu, 8.23 lb/hr

H<sub>2</sub>S: 0.10 gr/dscf H<sub>2</sub>S in fuel gas

6. Reporting Schedule: Provide a description of the reporting schedule to be used. The schedule should include what will be reported and how often the reports will be submitted.

PM: Annual Compliance Report: Includes confirmation of compliance with limit.

SO<sub>2</sub>: Annual Compliance Report: Includes confirmation of compliance with limit.

H<sub>2</sub>S: Quarterly Report: Includes monitoring results.

Part B is intended to identify the main components of each required compliance plan.

### Compliance Plan Requirements Per Emissions Unit (CD-03)



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**PART A: Identification of Source and Applicable Requirement**

Part A is intended to identify the source and the emissions unit. Use one form for each emissions unit. For the purposes of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.

1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 – 0 0 4 5 3 .....
3. Emissions Unit Description: 12PS Heater H-101A	4. Unit ID: 130

5. Limitations: List each operational and/or emission limit for this emissions unit.

PM: 0.03 gr/dscf PM

H<sub>2</sub>S: 0.10 gr/dscf H<sub>2</sub>S

6. Reporting Schedule: Provide a description of the reporting schedule to be used. The schedule should include what will be reported and how often the reports will be submitted.

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**PART A: Identification of Source and Applicable Requirement**

Part A is intended to identify the source and the emissions unit. Use one form for each emissions unit. For the purposes of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.

1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 089-00453 .....
3. Emissions Unit Description: 12 PS Heater H-101B	4. Unit ID: 130

5. Limitations: List each operational and/or emission limit for this emissions unit.

PM: 0.03 gr/dscf PM

H<sub>2</sub>S: 0.10 gr/dscf H<sub>2</sub>S

6. Reporting Schedule: Provide a description of the reporting schedule to be used. The schedule should include what will be reported and how often the reports will be submitted.

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## PART A: Identification of Source and Applicable Requirement

Part A is intended to identify the source and the emissions unit. Use one form for each emissions unit. For the purposes of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.

1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 – 0 0 4 5 3 .....
3. Emissions Unit Description: 12 PS Heater H-102	4. Unit ID: 130

5. Limitations: List each operational and/or emission limit for this emissions unit.

PM: 0.03 gr/dscf PM

H<sub>2</sub>S: 0.10 gr/dscf H<sub>2</sub>S

6. Reporting Schedule: Provide a description of the reporting schedule to be used. The schedule should include what will be reported and how often the reports will be submitted.

PM: Annual Compliance Report: Includes confirmation of compliance with limit.

H<sub>2</sub>S: Quarterly Monitoring Report: Includes monitoring results.

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**PART A: Identification of Source and Applicable Requirement**

Part A is intended to identify the source and the emissions unit. Use one form for each emissions unit. For the purposes of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.

1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 – 0 0 4 5 3 .....
3. Emissions Unit Description: Distillate Hydrotreating Unit Heater B-601A	4. Unit ID: 720

5. Limitations: List each operational and/or emission limit for this emissions unit.

PM: 0.03 gr/dscf PM

6. Reporting Schedule: Provide a description of the reporting schedule to be used. The schedule should include what will be reported and how often the reports will be submitted.

PM: Annual Compliance Report: Includes confirmation of compliance with limit.

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## PART A: Identification of Source and Applicable Requirement

Part A is intended to identify the source and the emissions unit. Use one form for each emissions unit. For the purposes of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.

1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 – 0 0 4 5 3 .....
3. Emissions Unit Description: Blending Oil Unit Heater F-401	4. Unit ID: 250

5. Limitations: List each operational and/or emission limit for this emissions unit.

PM: Unit Specific (Established via Permit Issuance)

SO<sub>2</sub>: 0.034 lb/MMBtu, 1.19 lb/hr

H<sub>2</sub>S: 0.10 gr/dscf H<sub>2</sub>S in fuel gas

6. Reporting Schedule: Provide a description of the reporting schedule to be used. The schedule should include what will be reported and how often the reports will be submitted.

PM: Annual Compliance Report: Includes confirmation of compliance with limit.

SO<sub>2</sub>: Annual Compliance Report: Includes confirmation of compliance with limit.

H<sub>2</sub>S: Quarterly: Includes monitoring results.

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## PART A: Identification of Source and Applicable Requirement

Part A is intended to identify the source and the emissions unit. Use one form for each emissions unit. For the purposes of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.

1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 – 0 0 4 5 3 .....
3. Emissions Unit Description: Coke Storage and Handling	4. Unit ID: 800

5. Limitations: List each operational and/or emission limit for this emissions unit.

Opacity – 10% or 20% (depending on specific source type), as specified in 326 IAC 6.8-10-3

6. Reporting Schedule: Provide a description of the reporting schedule to be used. The schedule should include what will be reported and how often the reports will be submitted.

Annual Compliance Report: Includes confirmation of compliance with limit.

Part B is intended to identify the main components of each required compliance plan.

[illegible]



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**PART A: Identification of Source and Applicable Requirement**

Part A is intended to identify the source and the emissions unit. Use one form for each emissions unit. For the purposes of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.

1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 – 0 0 4 5 3 .....
3. Emissions Unit Description: South Flare	4. Unit ID: 800

5. Limitations: List each operational and/or emission limit for this emissions unit.

0.10 gr/dscf H<sub>2</sub>S

6. Reporting Schedule: Provide a description of the reporting schedule to be used. The schedule should include what will be reported and how often the reports will be submitted.

Quarterly Monitoring Report: Includes monitoring results.

Part B is intended to identify the main components of each required compliance plan.

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## PART A: Identification of Source and Applicable Requirement

Part A is intended to identify the source and the emissions unit. Use one form for each emissions unit. For the purposes of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.

1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 089 – 00453 .....
3. Emissions Unit Description: Fluid Catalytic Cracking Unit 600	4. Unit ID: 240

5. Limitations: List each operational and/or emission limit for this emissions unit.

PM: 55 lb/hr

SO<sub>2</sub>: 437.5 lb/hr

PM/HAP: 1 lb PM /1,000 lb coke burn-off

CO: 500 ppmv CO

Opacity: Must not exceed 30 percent, except for one 6-minute average opacity reading in any 1-hour period; or Maintain the hourly average opacity of emissions from your catalyst re-generator vent no higher than the site-specific opacity limit established during the performance test.

6. Reporting Schedule: Provide a description of the reporting schedule to be used. The schedule should include what will be reported and how often the reports will be submitted.

PM: Annual Compliance Report: Includes confirmation of compliance with limit.

SO<sub>2</sub>: Annual Compliance Report: Includes confirmation of compliance with limit.

PM/HAP: Annual Compliance Report: Includes confirmation of compliance with limit.

CO: Semi-Annual Monitoring Report: Includes monitoring results.

Opacity: Semi-Annual Monitoring Report/Annual Compliance Report: Includes monitoring results and confirmation of compliance with limit.

Opacity: Annual Compliance Report

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1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 – 0 0 4 5 3 .....
3. Emissions Unit Description: GOHT Flare	4. Unit ID: 802

5. Limitations: List each operational and/or emission limit for this emissions unit.

0.10 gr/dscf H<sub>2</sub>S

6. Reporting Schedule: Provide a description of the reporting schedule to be used. The schedule should include what will be reported and how often the reports will be submitted.

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**PART A: Identification of Source and Applicable Requirement**

Part A is intended to identify the source and the emissions unit. Use one form for each emissions unit. For the purposes of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.

1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 – 0 0 4 5 3 .....
3. Emissions Unit Description: GOHT Heater F-901A	4. Unit ID: 802

5. Limitations: List each operational and/or emission limit for this emissions unit.

PM: 0.03 gr/dscf PM

H<sub>2</sub>S: 0.10 gr/dscf H<sub>2</sub>S

6. Reporting Schedule: Provide a description of the reporting schedule to be used. The schedule should include what will be reported and how often the reports will be submitted.

PM: Annual Compliance Report: Includes confirmation of compliance with limit.

H<sub>2</sub>S: Quarterly Monitoring Report: Includes monitoring results.

Part B is intended to identify the main components of each required compliance plan.

[illegible]



**CD-03 – COMPLIANCE PLAN REQUIREMENTS PER  
EMISSIONS UNIT**  
State Form 51863 (R/9-04)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

**IDEM - Office of Air Quality - Permits Branch**  
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**PART A: Identification of Source and Applicable Requirement**

Part A is intended to identify the source and the emissions unit. Use one form for each emissions unit. For the purposes of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.

1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 089-00453 .....
3. Emissions Unit Description: GOHT Heater F-901B	4. Unit ID: 802

5. Limitations: List each operational and/or emission limit for this emissions unit.

PM: 0.03 gr/dscf PM

H<sub>2</sub>S: 0.10 gr/dscf H<sub>2</sub>S

6. Reporting Schedule: Provide a description of the reporting schedule to be used. The schedule should include what will be reported and how often the reports will be submitted.

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**PART A: Identification of Source and Applicable Requirement**

Part A is intended to identify the source and the emissions unit. Use one form for each emissions unit. For the purposes of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.

1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 – 0 0 4 5 3 .....
3. Emissions Unit Description: #2 Coker Heater H-201	4. Unit ID: 800

5. Limitations: List each operational and/or emission limit for this emissions unit.

PM: 0.03 gr/dscf PM  
H<sub>2</sub>S: 0.10 gr/dscf H<sub>2</sub>S

6. Reporting Schedule: Provide a description of the reporting schedule to be used. The schedule should include what will be reported and how often the reports will be submitted.

PM: Annual Compliance Report: Includes confirmation of compliance with limit.  
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**PART A: Identification of Source and Applicable Requirement**

Part A is intended to identify the source and the emissions unit. Use one form for each emissions unit. For the purposes of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.

1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 – 0 0 4 5 3 .....
3. Emissions Unit Description: #2 Coker Heater H-202	4. Unit ID: 800

5. Limitations: List each operational and/or emission limit for this emissions unit.

PM: 0.03 gr/dscf PM  
H<sub>2</sub>S: 0.10 gr/dscf H<sub>2</sub>S

6. Reporting Schedule: Provide a description of the reporting schedule to be used. The schedule should include what will be reported and how often the reports will be submitted.

PM: Annual Compliance Report: Includes confirmation of compliance with limit.  
H<sub>2</sub>S: Quarterly Monitoring Report: Includes monitoring results.

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**PART A: Identification of Source and Applicable Requirement**

Part A is intended to identify the source and the emissions unit. Use one form for each emissions unit. For the purposes of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.

1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 – 0 0 4 5 3 .....
3. Emissions Unit Description: #2 Coker Heater H-203	4. Unit ID: 800

5. Limitations: List each operational and/or emission limit for this emissions unit.

PM: 0.03 gr/dscf PM  
H<sub>2</sub>S: 0.10 gr/dscf H<sub>2</sub>S

6. Reporting Schedule: Provide a description of the reporting schedule to be used. The schedule should include what will be reported and how often the reports will be submitted.

PM: Annual Compliance Report: Includes confirmation of compliance with limit.  
H<sub>2</sub>S: Quarterly Monitoring Report: Includes monitoring results.

Part B is intended to identify the main components of each required compliance plan.

### Compliance Plan Requirements Per Emissions Unit (CD-03)



# CD-03 – COMPLIANCE PLAN REQUIREMENTS PER EMISSIONS UNIT

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## PART A: Identification of Source and Applicable Requirement

Part A is intended to identify the source and the emissions unit. Use one form for each emissions unit. For the purposes of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.

1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 – 0 0 4 5 3 .....
3. Emissions Unit Description: Hydrogen Plant Heater HU-1	4. Unit ID: 801

5. Limitations: List each operational and/or emission limit for this emissions unit.

PM: 0.03 gr/dscf PM

6. Reporting Schedule: Provide a description of the reporting schedule to be used. The schedule should include what will be reported and how often the reports will be submitted.

PM: Annual Compliance Report: Includes confirmation of compliance with limit.

Part B is intended to identify the main components of each required compliance plan.

Page 2 of 2





**CD-03 – COMPLIANCE PLAN REQUIREMENTS PER  
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**PART A: Identification of Source and Applicable Requirement**

Part A is intended to identify the source and the emissions unit. Use one form for each emissions unit. For the purposes of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.

1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 – 0 0 4 5 3 .....
3. Emissions Unit Description: Hydrogen Plant Heater HU-2	4. Unit ID: 801

5. Limitations: List each operational and/or emission limit for this emissions unit.

PM: 0.03 gr/dscf PM

6. Reporting Schedule: Provide a description of the reporting schedule to be used. The schedule should include what will be reported and how often the reports will be submitted.

PM: Annual Compliance Report: Includes confirmation of compliance with limit.

Part B is intended to identify the main components of each required compliance plan.

Page 2 of 2



# CD-03 – COMPLIANCE PLAN REQUIREMENTS PER EMISSIONS UNIT

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## PART A: Identification of Source and Applicable Requirement

Part A is intended to identify the source and the emissions unit. Use one form for each emissions unit. For the purposes of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.

1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 089-00453 .....
3. Emissions Unit Description: Isomerization Unit Heater H-1	4. Unit ID: 210

5. Limitations: List each operational and/or emission limit for this emissions unit.

PM: Unit Specific (Established via Permit Issuance)

SO<sub>2</sub>: 0.034 lb/MMBtu, 6.46 lb/hr

H<sub>2</sub>S: 0.10 gr/dscf H<sub>2</sub>S in fuel gas

6. Reporting Schedule: Provide a description of the reporting schedule to be used. The schedule should include what will be reported and how often the reports will be submitted.

PM: Annual Compliance Report: Includes confirmation of compliance with limit.

SO<sub>2</sub>: Annual Compliance Report: Includes confirmation of compliance with limit.

H<sub>2</sub>S: Quarterly: Includes monitoring results.

Part B is intended to identify the main components of each required compliance plan.

### Compliance Plan Requirements Per Emissions Unit (CD-03)



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**PART A: Identification of Source and Applicable Requirement**

Part A is intended to identify the source and the emissions unit. Use one form for each emissions unit. For the purposes of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.

1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 – 0 0 4 5 3 .....
3. Emissions Unit Description: HU Flare	4. Unit ID: 801

5. Limitations: List each operational and/or emission limit for this emissions unit.

0.10 gr/dscf H<sub>2</sub>S

6. Reporting Schedule: Provide a description of the reporting schedule to be used. The schedule should include what will be reported and how often the reports will be submitted.

Quarterly Monitoring Report: Includes monitoring results.

Part B is intended to identify the main components of each required compliance plan.

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**PART A: Identification of Source and Applicable Requirement**

Part A is intended to identify the source and the emissions unit. Use one form for each emissions unit. For the purposes of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.

1. Source Name: BP Products North America Inc., Whiting Business Unit	2. Source ID: 0 8 9 – 0 0 4 5 3 .....
3. Emissions Unit Description: Sulfur Recovery Complex (COT1 & COT2)	4. Unit ID: 162

5. Limitations: List each operational and/or emission limit for this emissions unit.

PM: 0.03 gr/dscf PM  
SO<sub>2</sub>: 250 ppmv SO<sub>2</sub>

6. Reporting Schedule: Provide a description of the reporting schedule to be used. The schedule should include what will be reported and how often the reports will be submitted.

PM: Annual Compliance Report: Includes confirmation of compliance with limit.  
SO<sub>2</sub>: Quarterly Monitoring Report: Includes monitoring results.

Part B is intended to identify the main components of each required compliance plan.

### Compliance Plan Requirements Per Emissions Unit (CD-03)